



# **Briefing for the Defense Writer's Group**

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Office of the Secretary Of Defense  
Director, Operational Test and Evaluation



# Secretary of Defense Test and Evaluation Themes

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- Early involvement.
- Use models and simulations effectively.
- Combine tests when possible (DT+OT) (OT+OT).
- Combine tests and training when possible.
- Do the above for all programs, including ACTDs.



# Getting It Right Early

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“The fundamental purpose for testing is to discover and to learn. The testers as well as the developers and users are the learners in this process. In order to build mutual trust and confidence, and to focus on system operating characteristics that can be tested in a way that makes sense, the expertise of the testers should be sought by the users and developers as the system requirements are being formulated. This means that the testing community should be a part of the requirements development process.”

Report of the Defense Science Board Task Force  
on Test and Evaluation, September 1999



# Getting It Right Early

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“In practice, testers are brought into the concept exploration phase too late to properly formulate the initial TEMP. By this time in the acquisition cycle, the performance parameters and the formal user requirements have been through several reviews and hard fought staffing. The late arriving testers are forced into a reactive mode to understand the operational concept, how it will fit into the future warfighting doctrine of the users, decide which of the performance parameters should be tested, and, of these, which are even capable of being tested. ...this late inclusion of testers tends to put them in the role of disrupters rather than helpers...”

Report of the Defense Science Board Task Force  
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# Process Changes to Strengthen Defense T&E

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- Provide earlier operational assessment of systems including emphasis on logistics supportability, interoperability and information technology. **“Shorter development cycles require that we must begin testing much earlier in the development process and we must perform this testing in more realistic operational situations.”\***
- Combine legislated responsibility for system assessment with power of resources and resource planning. **“We have made some significant organizational changes aimed at bringing together the people and resources to strengthen Testing and Evaluation.”\***

\*Honorable Jacques Gansler



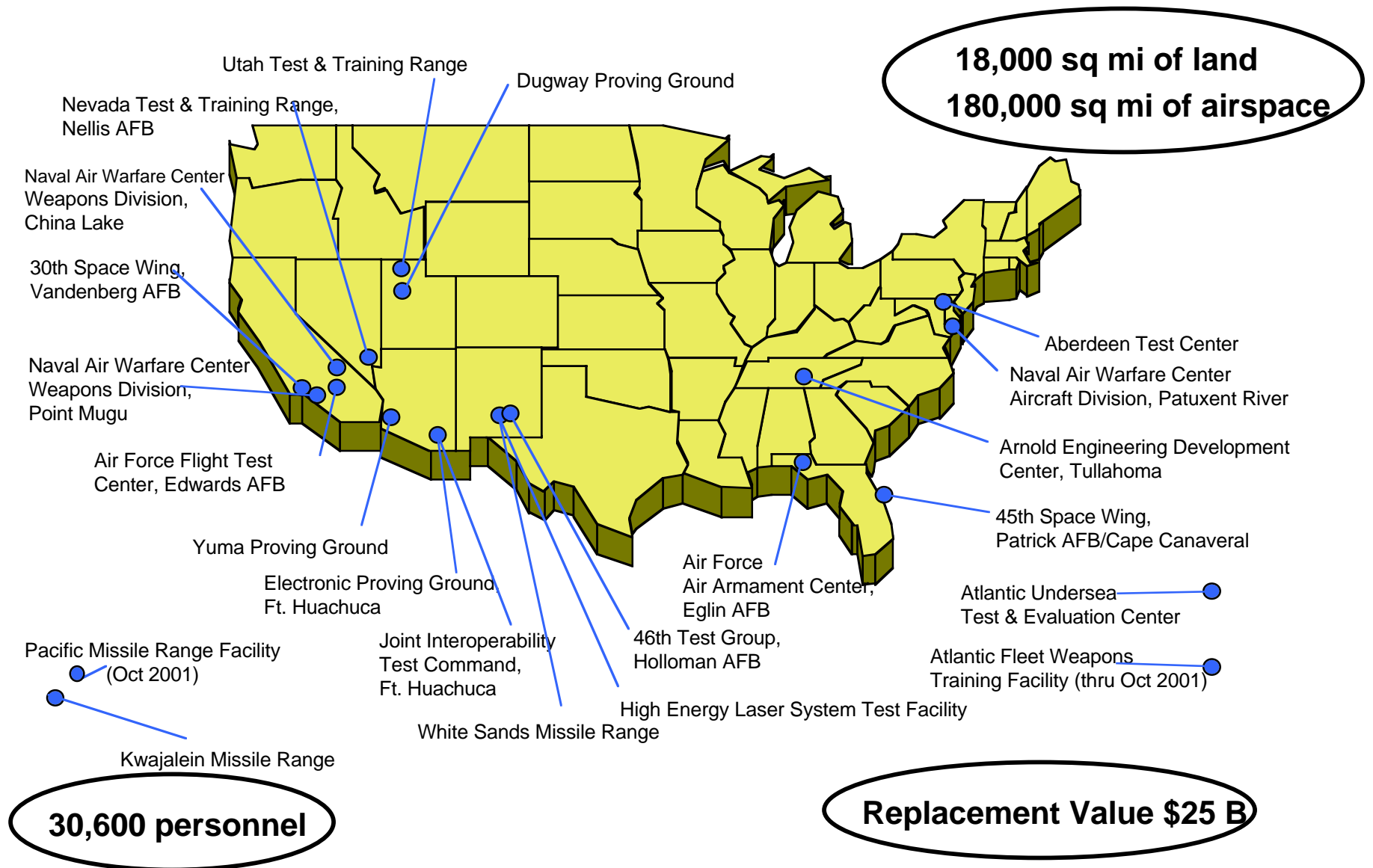
# Process Changes to Strengthen Defense T&E

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- Establish responsibility for range modernization in DOT&E providing increased emphasis on operational realism. **“Because of the rapid evolution of modern technology, we must be prepared for frequent—and continuous—updates to our existing systems.”\***
- Provide responsibility for range policy and oversight of the MRTFB to DOT&E. **“The Secretary has also directed that DoD Directive 3200.11, ‘Major Range and Test Facility Base (MRTFB),’ be revised to reflect the realignment of responsibilities for the MRTFB and to reflect that DOT&E will establish policy for and composition of the MRTFB, and plan, program, and budget for the Central Test and Evaluation Investment Program.”\***

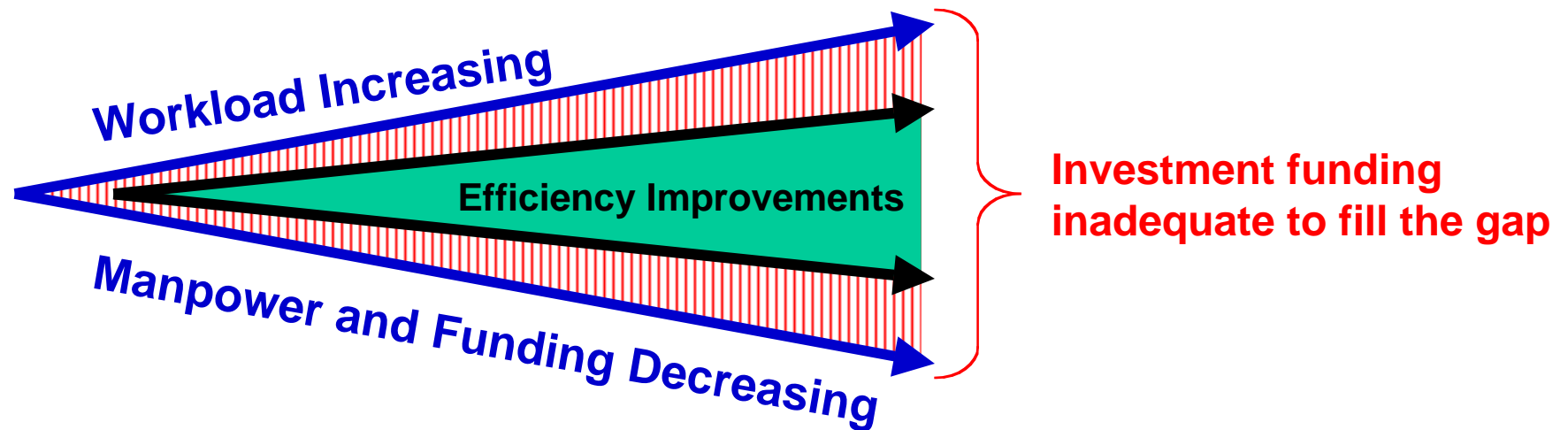
\* Honorable Jacques Gansler

# Major Range and Test Facility Base (MRTFB)





# Growing Divergence



- Test and evaluation (T&E) workload is growing
- Resources for test and evaluation are down significantly
- T&E centers are focused on increasing efficiency
- Investment is not keeping pace with technology



# Reductions in All Elements of MRTFB Workforce

